



Sabbir Mahmud Afridi

Dhaka, Bangladesh

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Summary

Dedicated Software Engineering student at East West University with strong **communication** skill. Experience as an Undergraduate Teaching Assistant, proficient in guiding and mentoring students. Excited to **contribute** to an innovative team.

Projects

Recommuse- A music recommendation System

September 2023

PHP, HTML, CSS, Javascript, Bootstrap, MySql

- A music player with personalized recommendation algorithm
- **Link:** <https://github.com/smahmuddz/RecomMuse>

Drone Ground Station

August 2023

Flask, HTML, CSS, Javascript

- A ground station website to control dji tello drone with the website.
- **Link:** <https://github.com/smahmuddz/Drone-Ground-Station>

Skills

Programming

React, NextJS, C++, Python (Flask (Framework), Pandas, PyTorch, NumPy, Scikit-learn, **Selenium Webdriver**. etc.) , PHP, HTML/CSS, Dart, JavaScript,

Database

MySql, Mongoddb, Firebase.

Miscellaneous

Linux, Shell (Bash/Zsh), LaTeX, Microsoft Office, Git.

Soft Skills

Communication, Time Management, Teamwork, Problem-solving, Documentation.

Language

English(Professional Proficiency), Bengali(Native).

Work Experience

East West University

Dhaka, Bangladesh

Undergraduate Teaching Assistant

July 2022 - Current

- Assisted in the courses Data Structures (CSE207), Software Quality Assurance (CSE430), and Database Systems (CSE302).
- Gained valuable experience in effectively **communicating** and demonstrating complex technical concepts to students.

Education

East West University

Dhaka, Bangladesh

BSc In Computer Science and Engineering

Sept 2019 - Sept 2023

- Major in Software Engineering.
- Maintaining CGpa of **3.62** out of 4.00.

St. Gregory's High School & College.

Dhaka, Bangladesh

Higher Secondary School Certificate

Year 2018

- Completed Higher Secondary Certificate (HSC) from Science Group
- Passed With Gpa **5.00** out of 5.00

Achievements

- 2021 **Awarded Medha Lalon Scholarship**, Dean's List Scholarship
- 2022 **Awarded Medha Lalon Scholarship**, Dean's List Scholarship
- 2023 **Passed ITEE FE Exam**, National level IT Engineers Examination

East West University

East West University

IPA, Japan

Publications

CONFERENCE PROCEEDINGS

Energy Efficient Distributed Cloud Load Balancing Using Virtual Machines

Sabbir Mahmud Afridi, Akmal Hossain MD Mehdi Ahsan Rafsan

6th ICO-2023 Hua Hin and 7th ICO-2023 Phnom Penh, 2023, Hua Hin, Thailand